

Option Switches in VME System

What do the switches do?

Aug 8, 1989

There are eight option switches included on the front panel of the Crate Utility board. They are rocker switches, where pressing to the right sets the switch=1. They have meaning to the operation of the VME system software as follows:

- #7 Used at Reset time to choose to enter the system or a debug monitor.
 0= Enter system
- #6 If #7=0, this switch can inhibit the automatic restore of D/A and control bit settings.
 1= Inhibit settings
- #5 spare
- #4 Enables output of analog alarms to serial port if #3=1.
 1= Enable analog
- #3 Enables output of alarm messages to serial port. Analog alarms are included only if switch #4 is set.
 1= Enable alarm printing
- #2 Enable display of alarm messages on bottom line of little crt. A message is displayed for a minimum of 2 seconds to allow for reading it.
 1= Enable alarms display
- #1 Inhibits reporting of alarm messages to the network. The alarm scan is always active; this means that alarm status is updated, and trip counts are maintained. The beam inhibit control line, however, is *not* asserted.
 1= Inhibit alarm messages
- #0 Special TUNECALC closed loop enabled.
 1= Tune closed loop enabled